cab product marking

a4+ Label Printer – The All-rounder.

Made in Germany.

Technical details.

Label printer A4+ with dispense function

1 Big graphic display
White backlight for optimum readability.

2 Ribbon holder
Three-part tightening axles enable quick and easy ribbon exchange.

3 Straightforward adjustment
The printhead is pressed down with two sliding toggles. One is mounted to the left label margin, the other one is pushed to the right label margin.

4 Peel-off option
The label is removed from its liner via a peel-off plate. A high printing and dispensing accuracy can be achieved with the additionally powered rewind assist roller and the pinch roller.

5 Peripheral connection
Add-on modules such as cutters, external rewinders, present sensors and applicators are easy to connect via the USB peripheral interface. All peripherals are connected to the printer in seconds using two pins and fixed in place with a screw.

6 Solid metal housing
Made of die-cast aluminum.
All components are mounted on it.

7 Roll holder
Available for core diameters from 38 mm. (We provide adapters for core diamters wider than 76 mm for improved label winding). The spring-mounted margin stop ensures constant tension during feeding, thus ensuring a highly precise imprint.

8 Internal rewinder
The three-part tightening axles ensure the easy rewinding and removing of labels or liners with or without paper core.

9 Only one tool for all maintenance tasks
For exchanging wear parts and connecting peripherals, the Allen key is located ready to hand at the printer.

All required interfaces.

1. RS232C interface.
2. USB 2.0 slave interface.
3. Ethernet 10/100 Base T interface with TCP/IP.
4. Slot for wireless LAN card.
5. Two USB Master interfaces for connecting an external operation panel, keyboard, scanner or service key.
6. Slot for CompactFlash Type I memory card.

Options

› Centronics bi-directional interface acc. to IEEE 1284.
RS422/RS485 interface 1,200 up to 230,400 Baud/8 Bit.
The interfaces are plugged into the PC.
Connection to the printer via mini USB connection cable.

› Label selection – I/O box.
Up to 16 different labels can be loaded via PLC from a memory card. Operation of four inputs/outputs via Basic Interpreter.

› cab WLAN card 802.11 b/g.

Stand-alone operation.

Printing with a cab printer without a PC.

The layout of the labels is created either using label software or through direct programming via a text editor on the PC. Label formats, fonts and graphic data, serial data and database contents are saved or imported on the CF memory card, USB flash drive or the internal IFFS printer memory.

Only variable data is sent to the printer via keyboard or host computer before being printed out. Data from a barcode scanner or a balance can also be received by the printer.

Accessories for stand-alone operation

Memory card
CompactFlash Type I

Compact keyboard
Connection: USB, number of keys: 86
L x W mm: 282 x 132
Cherry G84-4100

Device functionality and compliance with CE standards are only warranted by using the accessories provided or recommended by cab.

Software tools.

Direct programming with J-Script

The printer language is easy to understand and simple to integrate into your host system. Variable data is linked with host applications. Label design, graphic data and fonts are recorded on the CompactFlash card. The host computer sends only variable data to the printer.

J	**Job start**
H 100	**Speed (100 mm/s)**
O R	**Orientation rotated by 180°**
S l1;0,0,68,70,100	**Size of label (100x68 mm, gap 2 mm)**
T 10, 10,0,5,pt20;sample	**Text object/font: Swiss bold, 20 pt**
B 10,20,0,EAN-13,SC2,401234512345	**Barcode EAN 13, size SC 2**
G 8,3.5,0;R:30,9,0.3;0.3	**Graphic, box 30 x 9 mm, Line strength 0.3 mm**
A 1	**Number of labels (in this example 1)**

Integration into SAP R/3*

In cooperation with SAP, cab developed the “replace method” for controlling cab printers quickly and easily from SAP R/3 using SAPScript. As a Silver Level partner in SAP‘s Printer Vendor Program, cab has access to the SAP development area for optimum printer support in SAP environments.

** SAP and R/3 are registered trademarks of SAP AG.*

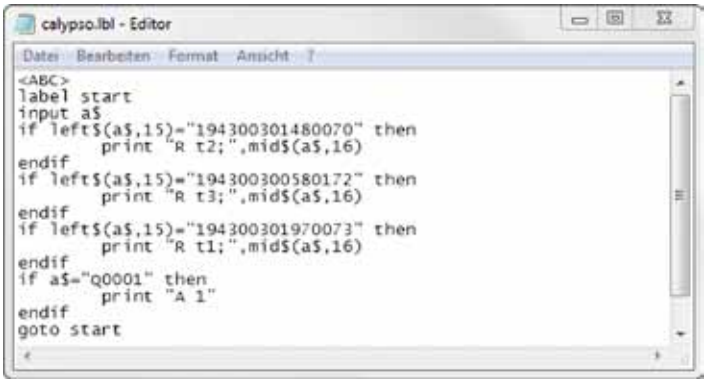
SAP® Printer Vendor Program

Create labels with software → Transfer replace file into SAPScript → Exchange of variable data with SAPScript and printout

abc – Basic Compiler

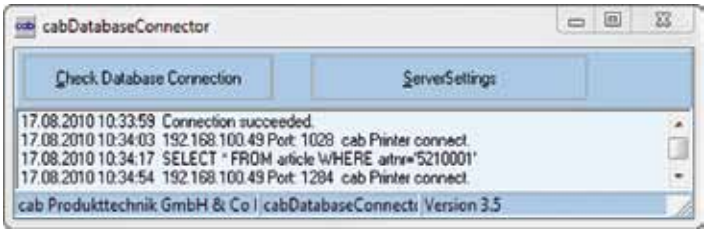
As an integrated element of the firmware, the Basic Compiler enables the printer to process data via BASIC programming before it is sent for print editing. This makes it possible for external printer languages to be replaced or data from other systems, e.g. a PLC or balance, to be transferred so information can be printed in different label formats.

Example of use:
Connection to a balance



Database Connector

In stand-alone mode with additional network connection, the Database Connector enables stand-alone printers to access data directly from a central SQL-compatible database and to print it as a label. Data can also be written back to the database or changed during the printing process.

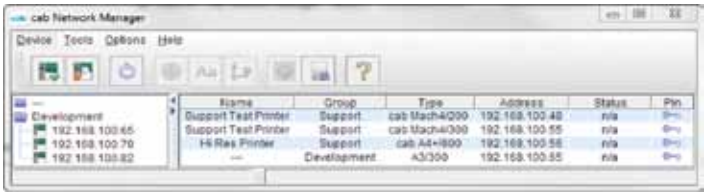

cabDatabaseConnector
Check Database Connection
ServerSettings
17.08.2010 10:33:59 Connection succeeded.
17.08.2010 10:34:03 192.168.100.49 Port: 1028 cab Printer connect.
17.08.2010 10:34:17 SELECT * FROM article WHERE artnr='5210001'
17.08.2010 10:34:54 192.168.100.49 Port: 1284 cab Printer connect.
cab Produkttechnik GmbH & Co | cabDatabaseConnect | Version 3.5

Printer monitoring with Intranet and Internet

Using standard programs such as the web browser or FTP clients, the integrated HTTP and FTP server enables print monitoring, configuration, firmware updates and memory card administration. Status, warning and error messages are sent to administrators or users as e-mails or SNMP datagrams via SNMP and SMTP clients. A time server is used to synchronize the time and date.

Administration Network Manager

The cab Network Manager enables the user to control multiple printers across a network simultaneously. It supports monitoring, configuration, firmware updates, memory card administration, file synchronization and PIN administration centrally.



WHQL-certified Windows printer driver for

Windows XP — Windows Server 2003
Windows Vista — Windows Server 2008
Windows 7 — Windows Server 2008 R2

Our printer drivers are officially certified and signed by Microsoft. They ensure optimum stability on your Windows operating system. The programs Word, Excel, Access, Corel Draw, etc. can be used to design and print labels.

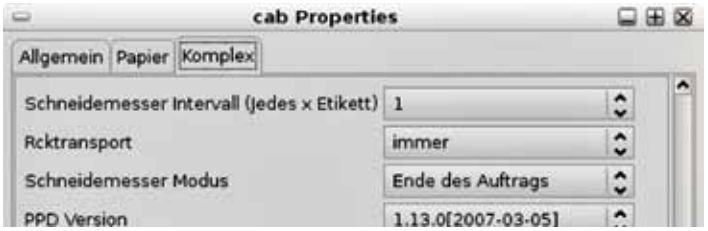
Apple-Mac OS X® driver

Alternatively, cab offers a CUPS-based printer driver for Mac OS X.

Linux driver

Alternatively, cab offers a CUPS-based printer driver for Linux.

Microsoft® is a registered trademark of Microsoft Corporation.
Mac OS® is a registered trademark of Apple Computer, Inc



Label software.

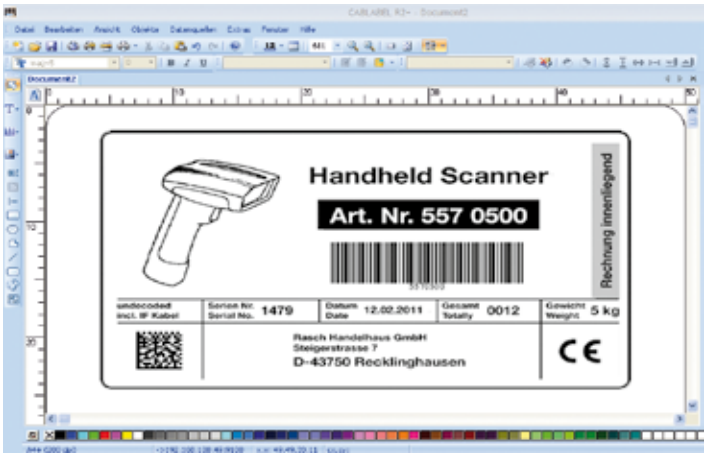
cablabel R2+

A powerful label software that is available free of charge and specially designed for cab printers and print & apply systems.

Different fonts, barcodes and graphics in variable heights, widths and printing directions can be used to produce the best possible label design.

In addition to the loadable TrueType fonts available with MS Windows, cab printers also offer a large number of internal bitmap and vector fonts. Thanks to the support of the most commonly used codepages, country-specific special characters can also be printed.

High-performance functions make it possible to design and print even complex labels in just a few minutes. cablabel R2+ supports special functions of the cab printers, such as real-time clock, printer counter, stand-alone operation without PC, circular fonts or the printout of the printer data stream in a file. The MDI technology makes it possible to open several labels at the same time and to move objects from one label to another.



cablabel R2+ is available in 24 different languages for the following operating systems:

Windows XP — Windows Server 2003*
Windows Vista — Windows Server 2008*
Windows 7 — ** Terminalserver / Citrix are not supported.*

Additional label software

Highest possible variability – other commercially available label software solutions, such as Codesoft, Nicelabel, Easylabel, Bartender, Label Matrix or Labelview, support the cab label printers and labeling systems. More information is available on our website.

Technical data.

■ Standard ☐ Option

Label printer			A4+		
Printhead	Print method Thermal transfer		■	■	■
	Thermal direct		■	■	-
	Print resolution dpi		203	300	600
	Print speed up to mm/s		250	250	100
	Print width mm		104	105.6	105.6
Material	Labels, continuous rolls or fan-folded		Paper, cardboard, textiles, synthetics such as PET, PE, PP, PVC, PU, acrylate, PI		
	Material thickness mm / weight g/m²		0.05 – 0.8 / 60 – 300		
	Label width[1] mm		20 – 116		
	Width of liner or continuous material mm		25 – 120		
	Heat shrink tube mm		25 – 110		
	Label height[1]	without back-feed from mm	4		
		when dispensing[1] from mm	12		
		up to mm	5000	4000	1000
	Media roll	Total diameter up to mm	205		
		Core diameter mm	38 – 100		
		Winding direction	Outside or inside		
Ribbon	Ink		Outside or inside		
	Roll diameter up to mm		80		
	Core diameter mm		25		
	Ribbon length variable up to m		500		
	Width[2] up to mm		114		
Internal rewinder (only peel-off version)	Total diameter up to bis mm		142		
	Core diameter mm		38.1		
	Winding direction		Only outside		
Printer dimensions	Height x Depth mm		274 x 446		
	Width mm		242		
	Weight kg		9		
Label sensor	Gap sensor		For leading edge of the label or punching marks and end of material		
	Reflective sensor from the bottom / from the top		For printing marks		
	Distance to locating edge mm		5 – 53		
Electronics	Processor high speed 32 Bit ColdFire / clock rate MHz		266		
	RAM MB		64		
	Memory IFFS MB Flash		8		
	Slot for CompactFlash Type I memory card		■		
	Slot for wireless LAN card		■		
	Battery buffer for		Real-time clock, printout of time and date, data storage on shut-down		
	Warning signal		Acoustic signal in case of error		
Interfaces	Centronics bi-directional acc. to IEEE 1284		☐		
	RS232 C 1,200 up to 230,400 Baud / 8 Bit		■		
	USB 2.0 high speed slave for PC connection		■		
	Ethernet 10/100 Base T, LPD, RawIP printing, ftp printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP		■		
	RS422, RS485 1,200 up to 230,400 Baud / 8 Bit		☐		
	Peripheral connection		■		
	WLAN card 802.11 b/g WEP / WPA PSK (TKIP)		☐		
	2x USB master for		External operation panel, keyboard, scanner, service key, USB flash drive		
Operation data	Power supply		100 – 240 V ~ 50 / 60 Hz, PFC		
	Power consumption		Max. 300 W		
	Temperature / humidity:	Operation	+5 – 40°C / 10 – 85% not condensing		
		Storage	+0 – 60°C / 20 – 85% not condensing		
		Transport	-25 – 60°C / 20 – 85% not condensing		
	Approvals		CE, FCC class A, CB, CCC, UL		

[1] Limitations may apply to small labels, thin materials or strong adhesives. Critical materials or applications must be tested and approved.
[2] The ribbon should be roughly the same width as the label in order to avoid folding.

ENERGY STAR

With innovative technology for better climate protection
Energy saving – Environmentally friendly

■ Standard ☐ Option ○ Authorized distribution by resellers

Label printer		A4+	
Operation panel	Buttons / LED display	Pause, Feed, Cancel, Menu, Enter, 4 x Cursor	
	LCD graphic display	Width 60 mm, height 40 mm, text 4 lines, ca. 20 characters per line	
Settings		Time, date, digital or analog clock 25 language settings System settings, print parameters, interfaces, security	
Monitoring	Stop printing if:	End of ribbon End of labels Printhead open	
	On the display	Data reception Clock WLAN field intensity Date sheet Ethernet status abc Debug Used memory Input buffer Temperature of printhead Remaining quantity of ribbon Access to memory card	
Test routines	System diagnosis	When switched on, incl. printhead testing	
	Short status, status print	Font list, device list, WLAN status, label profile, test grid, monitor mode, PPP status	
	Status reports	Extensive status printout with information about settings, e.g. print length counter, runtime counter, etc. Request of machine status via software commands. Detailed status messages on the display, e.g. network error – no link, barcode error, etc.	
Fonts	Font types	5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold and Monospace 821 available internally, loadable TrueType fonts. Thai and Chinese (simplified Chinese) available as options.	
	Character sets	Windows 1250 up to 1257, DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869, EBC DIC 500, ISO 8859-1 to -10 and -13 up to -16, WinOEM 720, UTF-8, Macintosh Roman, DEC MCS, K0I8-R. All West and East European Latin, Cyrillic, Greek, Hebrew and Arabic characters are supported. Thai and Chinese available as options.	
	Bitmap fonts	Size of width and height 1 – 3 mm Zoom 2 – 10 Orientation 0°, 90°, 180°, 270°	
	Vector / TrueType fonts	Size of width and height 0.9 – 128 mm Variable zoom, Orientation 360° in steps of 1°	
	Font formats	Bold, italic, underlined, outline, negative, gray, vertical, depending on character fonts	
	Font width	Variable	
Graphics	Graphic elements	Line, arrow, box, circle, ellipse, filled and filled with fading	
	Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG	
Barcodes	Linear barcodes	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C EAN 8, 13 EAN / UCC 128 EAN / UPC Appendix 2 EAN / UPC Appendix 5 FIM HIBC Interleaved 2 / 5 Ident- and lead code of Deutsche Post AG Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0	
	2D codes	Aztec, Codablock F, Data Matrix, PDF 417, Micro PDF 417, UPS Maxicode, QR-Code, RSS 14 truncated, limited, stacked and stacked omnidirectional, EAN-Datamatrix, GS1 Data Bar	
		All codes variable in height, module width and ratio. Orientation 0°, 90°, 180°, 270°. Optionally with check digit, printed characters and start/stop code, depending on code type.	
Software	Programming	J-Script direct programming	■
		abc – Basic Compiler	■
		Database Connector	☐
	System diagnosis / administration	Printer monitoring	■
		Network Manager	☐
	Label software	cablabel R2+	■
		Codesoft, NiceLabel, Easylabel	○☐
		Bartender, Label Matrix, Labelview	○
	Windows driver certified	32/64 bit for Windows XP Windows Vista Windows 7 Server 2003 Server 2008 Server 2008 R2	■
	Mac driver	OS X printer driver from version 10.4	■
	Linux driver	Tested with Suse 9.0, CUPS-based	■
	Stand-alone operation		■

For current data, please go to www.cab.de

Accessories for basic devices.

Cutter

The cutter is used to cut paper, pressure sensitive labels, cardboard, textiles, synthetics or heat shrink tubes.

	Cutter CU4
Material width up to mm	120
Weight of material gr/m² / cardboard	60 – 500
Material thickness mm	0.05 – 0.8
Cutting length mm	> 5
Gap height up to mm	2.5
Cuts/min	120
Stop print job if	Final position not reached

Rewind guide plate for internal rewinding

The dispensing printer takes care of internal rewinding. The peel-off plate is replaced by the rewind guide plate (for devices A2+ and A4+).

ER1/2/3 external rewinder for direct printer connection

The rewinder is screwed directly onto the printer. Labels can be wound either inside or outside. Electronic control of the swing arm ensures smooth and tight winding.

ER4/6/8 external rewinder with built-in power supply

The rewinder can be attached to almost any third-party printer. All other technical data is the same as for the rewinder ER1/2/3.

EU4/6/8 external unwinder

It enables smooth label feed for heavy rolls. The unwinder works both with inside and outside wound labels.

Tester for linear barcodes

The built-in scanner tests horizontally printed barcodes directly after printing. If the barcode cannot be read, the printing process can be stopped at once so the faulty labels can be removed. It is primarily intended for use with the ER4 – ER8 external rewinder or in dispensing mode.

Hand or foot switch for printing on demand (see page 9).

	External rewinder			External unwinder
	ER1 / 210	ER4 / 210	ER4 / 300	EU4 / 300
Material width up to mm	120	120	120	120
Roll Ø max. mm	205	205	300	300
Core Ø mm	40 / 76	40 / 76	40 / 76	40 / 76
Operating voltage	From label printer	100 – 240 V~ 50 / 60 Hz		–
Label winding	Outside or inside			

Accessories for dispensing devices.

1 **Present sensor or pause adapter**
An additional present sensor or peel-off adapter is needed to dispense labels. cab offers devices for both manual and automatic operation.

Extended peelbar
(only for PS5 present adapter).
If labels are difficult to remove from the liner, a peel-off plate with rewind guide plate, extended by 10 mm, is used.

PS8 present sensor for manual operation
The sensor detects that the label is in dispensing position and pauses the print process. Once the label has been removed manually, the next one is printed automatically.

PS5 present adapter for automatic operation
Printing and dispensing of the label is triggered by an external signal. The label is removed by a robot or an applicator.
Inputs: Start, label removed, external error
Outputs: No print job, printer not ready, print started, label in dispensing position.

PS6 present sensor for manual or automatic operation
1. As with PS8, once the label has been removed, the next one is printed automatically.
2. Dispensing on demand with hand or foot switch or an external signal (as with PS5).

PS9 extended present sensor for manual operation
For dispensing labels whose front edge is not detected by the PS8 present sensor. The extension can be customized

PS7 pause adapter for basic and dispensing devices
The print job is stopped by the pause signal.
The label being printed is finished first, e.g. by using a label loop.
Inputs: Pause, external error
Outputs: No print job,
printer not ready,
print job active

Printing and dispensing on demand
A hand or foot switch can be connected to the PS6 present sensor to start print jobs.

Hand switch
Starts printing and dispensing.

Foot switch
Starts printing and dispensing.

Sub D plug
for PS5, PS6 and PS7
To connect external control signals for automatic operation. Sub D plug 15-pin with screw clamps.

External panel
If the panel is no longer accessible, e.g. after installation within a facility, an external panel can be installed. There are additional slots for a CF memory card Type I and a USB master interface.

Applicator A1000.

Real-time application

In conjunction with the A2+, A4+ and A6+ printers, the A1000 applicator represents a cost-effective solution for both semi-automatic operation and for integration into automated production lines.

1 **Long service life**
The ball-bearing guide bars are low-wearing.

2 **Variable product heights**
The lift cylinder allows labeling at different heights. It is available in different stroke lengths.

3 **Easy adjustment**
The tamp pad can be adjusted in alignment with the peel-off plate using four screws. Processing control is optimized during testing using the operation panel.

4 **Pre-dispense button**
Tests the labeling function. Pushing the button the first time causes the label to be printed and held by the pad. Pushing the button again starts the application.

5 **Compressed air regulation unit**
The microfilters prevent contamination and the compressed air regulator ensures the labeling quality.

6 **High process reliability**
The supporting air jet stream, induction air and lifting speed can be adjusted. The pressure can be reduced to less than 1 kg for highly sensitive products and packaging. To avoid contamination of the vacuum holes, they are cleaned with air pressure after each application.

7 **Real-time application**
Labels with a height of 25 – 200 mm and a width of 25 – 176 mm can be dispensed.

Label transfer	Tamp	Roll-on	Blow
Label width mm	25 – 176	25 – 176	25 – 176
Label height mm	25 – 200	80 – 200	25 – 100
Cylinder stroke mm	220 / 300		
Tamp stroke below the device mm	70 / 150		
Compressed air bar	4 – 5		
Product surface	Flat		
Product height variable	■	■	–
fixed	–	–	■
Product in rest	■	–	■
in motion	–	■	■

Accessories for applicators.

Tamp pad
The product remains fixed in place during application. The vacuum holes of the universal tamp pads are covered by a foil that is pierced according to the label size. The tamp pads are adjusted to the external dimensions of the labels.

Blow pad
The label can be blown on for pressure-sensitive products. The labels can be applied to either a fixed or moving product. The product to be printed is positioned approximately 10 mm below the blow pad.

Roll-on pad
The label is moved under the roll during application. The pad moves onto the product and the label is rolled on during transportation.

Digital I/O interface at the applicator
The master (e.g. PLC) starts or stops the labeling process. Status and error messages are issued at the same time.

Input / output
- Start
- Stop
- Print first label
- Printer not ready
- No print job
- Combined alarm
- Basic position reached
- Labeling position reached
- Labeling error

Printing and dispensing on demand
A hand or foot switch or a product sensor can be attached at the applicator's digital I/O interface to start print jobs.

Hand switch
Starts printing and dispensing.

Foot switch
Starts printing and dispensing.

Product sensor
For automatic product detection on the conveyor belt.

Sub D plug
To connect external control signals at the applicator. Sub D plug 15-pin with screw clamps.

External operation panel
If the external panel is no longer accessible, e.g. after installation within a facility, an external panel can be installed. There are additional slots for a CF Type I memory card and a USB master interface.

Accessories for applicators.

1 **Base frame**

The base frame is customized according to the width and height requirements. The labeling system is fixed in place with two pins. The exact position can be adjusted on the crossbar.

2 **Roll-on application**

For labeling round products with diameters 12 up to 40 mm. The product is pushed onto the rolls. The labeling process is started by pressing the hand or foot switch.

3 **Dispensing module for roll-on application**

For labeling packaging on the conveyor belt. The conveyor speed must be synchronized with the print speed. It is suitable for labels with a width up to 116 mm and a length up to 200 mm. Further technical details can be provided on request.

4 **Stand**

\+ 5

The stand enables the printer to be integrated quickly and flexibly into any manufacturing line. The height and width of the labeling position can be adjusted with ease. Four guide rollers on the chassis ensure mobility. The stand is adjusted at the place of installation using adjustable feet.

Stand	
Total height mm	1,600
Height of appliance mm	1,400
Projection until middle of label mm	230 – 500
Chassis Width x Depth x Height mm	600 x 860 x 140

1

4

2

5

Printer holder for A4+ and A6+, A2+ on request

3

Delivery program label printer.

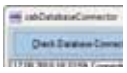
	Part no.	Hardware	dpi
	5954500	Label printer A4+	200
	5954505	Label printer A4+	200P
	5954501	Label printer A4+	300
	5954506	Label printer A4+	300P
	5954502	Label printer A4+	600
	5954507	Label printer A4+	600P
	59545xx.101	Printer with metal cover for A4+	
	595xxxx	Label printer for thermal direct printing on request	
	Scope of delivery:		
	Label printer, Power cable Type E+F, length 1,8 m Connecting cable USB, length 1,8 m Operation manual de/en		
DVD:	Operating manual in 21 languages, Configuration manual de/en/fr, Service manual de/en, Spare part list de/en, Programming manual en, Windows printer driver 32/64 bit in 19 languages for Windows XP – Server 2003 Windows Vista – Server 2008 Windows 7 – Server 2008 R2 MAC OS X driver de/en/fr, Linux driver de/en/fr, Label software cablabel R2+ in 24 languages, Database Connector en		

	Part no.	Consumables
	5954081.001	Printhead 4 / 203
	5954072.001	Printhead 4 / 300
	5954077.001	Printhead 4 / 600
	5954180.001	Print roller DR4
	5954183.001	Rewind assist roller RR4

	Part no.	Accessories
	5954012.001	Metal cover for A4+
	5948000	Cutter CU4
	5946995.001	Cutter tray 4
	5541311	Stacker with cutter ST4/L
	5959622	Adapter 100
	55xxxxx	Storage table ST4/L, label B x H
	5958932	Base frame A4
	5946244.001	Tear-off plate TP4
	5954190.001	Rewind guide plate RG4 for internal rewinding
	5570820	Barcode tester hl40-4
	5948102	External rewinder ER1 / 210
	5948100 **5946090**	External rewinder ER4 / 210 External rewinder ER4 / 300
	5946091	External unwinder EU4 / 300
	5948170	Connection set for ER/EU
	5946120	Peel-off adapter PS5 automatic operation
	5942353	Present sensor PS6 manual / automatic operation
	5946146	Pause adapter PS7
	5946900	Present sensor PS8 manual operation
	on request	Present sensor PS9
	5948830	Extended operation panel

Delivery program for accessories.

	Part no.	Accessories
	5954380.001	External operation panel
	5901630	Compact keyboard USB Cherry G84-4100
	5561043	Memory card CompactFlash Type I
	Part no.	**Applicators with Accessories**
	5949001 **5949002** **5949003**	Applicator A 1000-220 Applicator A 1000-300 Applicator A 1000-400
	5949072	Universal tamp pad A1021 70 x 60
	5949075	Universal tamp pad A1021 90 x 90
	5xxxxxx	Tamp pad A1021 B x H
	5949076	Universal tamp pad A1321 116 x 102
	5949077	Universal tamp pad A1321 116 x 152
	5xxxxxx	Tamp pad A1321 B x H
	5xxxxxx	Blow pad A2021 B x H
	5xxxxxx	Roll-on pad
	on request	Roll-on application for cylindrical products
	on request	Demand module

	Part no.	Accessories applicators
	5533240	Testbox 2 Automatic operation
	5942345	Present trigger TR1
	5535901	Foot switch
	5941526	Photo cell to start
	5917652	Interface connector SUB-D-plug 15 pole Phoenix Contact 2761606
	5949093 **5xxxxxx**	Base frame 340 x 160 Base frame B x H
	5947400	Stand 1600
	8913693	Printer holder
	Part no.	**Interfaces**
	5954200 **5954201**	Centronics interface RS422 / RS485 interface
	5954191	Label selection – I/O-Box
	5561041	WLAN-card 802.11 b/g
	Part no.	**Connecting cable**
	5550818	Cable RS232 C 9/9-pin, length 3 m
	5918008	Patch cable KAT 5e, 3 m gray
	Part no.	**Software**
	**DL 40100**	Database Connector license
	5580215	Administration Network Manager
	In scope of delivery	Label software cablabel R2+
	on request	Codesoft, Nice Label, Easylabel
	9008486	Programming manual English, printed copy

The cab delivery program.

EOS 1/4 label printer

MACH4 label printer

A+ series label printers

XD4 label printer

XC6 label printer

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PX series print module

FL series laser marking systems

Laser safety housing

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